WHAT IS CLAIMED IS:

1. A method of providing a secure transmission of data from a touch screen, comprising the steps of:

transferring coordinate data corresponding to an area touched on the touch screen to a processor;

encrypting the coordinate data by the processor;

decrypting the encrypted data and separating sensitive coordinate data from nonsensitive coordinate data;

using the nonsensitive data in providing display information to a CRT associated with the touch screen; and

encrypting the sensitive data to maintain security thereof.

2. The method of Claim 1, wherein said processor comprises a first processor, and further including a second processor, and decrypting by said second processor the data encrypted by said first processor, and carrying out an application program by said second processor to drive said CRT with the nonsensitive data.

3. The method of Claim 1, further including carrying out the step of encrypting the sensitive data with said second processor, and transmitting the encrypted sensitive data to a network.

4. The method of Claim 2 further including a memory storing encryption data for use in encrypting data, and further including accessing said memory by both said first and second processors to encrypt data.

5. The method of Claim 4, further including accessing said memory by said second processor via said first processor.

6.   The method of Claim 5, wherein said memory is coupled by a bus only to said first processor and not by a bus directly to said second processor.

7.   The method of Claim 6 further including covering said first processor and said memory with a physical protection to prevent unauthorized mechanical access to said first processor and to said memory.

8.   The method of Claim 1, further including separating a personal identification number as sensitive data.

9.   The method of Claim 1, further including using said touch sensitive screen with a kiosk for carrying out financial transactions.

10.   The method of Claim 9, further including using said touch sensitive screen by a user of the kiosk to purchase goods/services.